

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



95F918  
3564

Reserved

2815A

United States  
Department of  
Agriculture

Animal and  
Plant Health  
Inspection  
Service

**Veterinary  
Services**

Hyattsville, Md.

# Veterinary Biological Products

Licensees and  
Permittees

July 1983

U.S. DEPT. OF AGRICULTURE  
NAT'L AGRIC. LIBRARY  
RECEIVED

SEP 19 '83

PROCUREMENT SECTION  
CURRENT SERIAL REF. 100

U.S. Department of Agriculture  
Animal and Plant Health Inspection Service  
Veterinary Services  
6505 Belcrest Road  
Hyattsville, Maryland 20782

Issued July 1983



## INTRODUCTION

This publication contains lists of licensed establishments, licensees, and permittees with their subsidiaries and divisions, as well as a list of the biological products they are authorized to produce or import.

An alphabetical listing identifies the firms with the appropriate establishment by license number.

A numerical listing of licensed establishments by licensee number identifies each licensee, permittee, subsidiary, and division authorized to do business in the establishment.

An index of product components has been added which lists by page number each antigenic fraction. The fraction reference may appear in more than one section; for example, distemper appears in vaccines, antiserums, and vaccines with bacterin/toxoids.

Under the listing of licensed biological products, the principal part of the true names are underlined, and each product is assigned a code number by Veterinary Services. A separate license is issued and a code number assigned for each "Outline of Production" filed. The license number of each firm authorized to produce a biological product is listed to the right of the product.

The alphameric system used for product codes provides for a six digit number or letter to be assigned to each product, i.e., the first digit denotes product type; second and third, grouping by agents; fourth, the viability of the product (live, killed, modified live, etc.); fifth, substrate; and sixth, miscellaneous variables.



## TABLE OF CONTENTS

	Alphabetical Listing
1	Licensess, Permittees, Subsidiaries, Divisions
5	Numerical Listing of Establishments
12	Vaccines and Viruses
27	Bacterins and Bacterial Extracts
35	Antiserums
37	Vaccines with Bacterins/Toxoids
47	Diagnostics
50	Antitoxins
51	Bacterin-Toxoids
55	Toxoids
56	Miscellaneous
57	Index of Product Components





ALPHABETICAL LISTING  
LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
A M BIO TECHNIQUES INC	292
AFFILIATED LABORATORIES	225
AGRI-BIO CORPORATION	269
AGRI-MART DIVISION	272
AMBICO, INC.	281
AMERICAN HOME PRODUCTS CORPORATION	112 112A 112B
AMERICAN SCIENTIFIC LABORATORIES	165 165A 165B
AMERICANA LABORATORIES, INC.	188
ANCHOR LABORATORIES, INC.	124
ANIMAL HEALTH DIVISION	107
BARRY LABORATORIES, INC.	283
BAYVET DIVISION	52
BEECHAM LABORATORIES	225
BEECHAM, INC.	225
BIO-CEUTIC LABORATORIES, INC.	124
BIOLOGICS CORPORATION	272
BIOLOGICS PRODUCTION, INC.	240
BIOMED RESEARCH LABORATORIES, INC.	285
BURNS BIOTEC LABORATORIES INC	165B
BURNS-BIOTEC LABORATORIES, INC.	165 165A
BURROUGHS WELLCOME CO.	107
CENTER LABORATORIES	259
CEVA LABORATORIES, INC.	243 243A
COLORADO SERUM COMPANY	188
CONNAUGHT ANIMAL HEALTH	287
CONNAUGHT LABORATORIES (PERMITTEE)	296
CONNAUGHT LABORATORIES, INC.	287
CONTINENTAL ANIMAL HEALTH	165 165A 165B
CONTINENTAL PHARMACAL COMPANY	188
COOPER DIVISION	107
CUSTOM BIOLOGICS, INC.	272
DEKALB AG RESEARCH, INC.	271
DELLEN LABORATORIES, INC.	272
DENVER COLORADO LABORATORIES, INC.	188

ALPHABETICAL LISTING  
LICENSEES - SUBSIDIARIES - DIVISIONS.

	<u>LICENSE NUMBER</u>
DEXTER CORPORATION, THE	245
DIAMOND LABORATORIES, INC.	213
DOUGLAS INDUSTRIES	165 165A 165B
DOUGLAS INDUSTRIES INC	1658
DURVET LABORATORIES	272
DYNASCIENCE CORPORATION	278
EM INDUSTRIES, INCORPORATED	259
EMPIRE VETERINARY COMPANY	188
FORT DODGE LABORATORIES, INC.	112 112A 112B
FRANKLIN LABORATORIES, INC.	112 112A 112B
FROMM LABORATORIES, INC.	195 195A
GIBCO DIVISION	245
GREENBRIAR VETERINARY SERVICES INC	297
GREER LABORATORIES, INC.	294
GUARDIAN LABORATORIES	227
HOLLISTER-STIER	52A
INTER-CONTINENTAL BIOLOGICS INC.	286
INTERNATIONAL, INC.	188
INVENEX VETERINARY LABORATORIES	245
JACKSON BIOLOGICS, INC.	288
JENSEN-SALSBERY LABORATORIES	107
JOHNSON & JOHNSON	264
KEEVET LABORATORIES	280
LONG ISLAND DUCK RESEARCH COOP., INC.	268
M.A. BIOPRODUCTS	278
MAINE BIOLOGICAL LABORATORIES, INC.	240
MALLINCKRODT INC.	295
MEDATZ INC.	196
MERCK & COMPANY, INC.	3
MERCK CHEMICAL DIVISION	3
MERCK SHARP & DOHME DIVISION	3
MERIEUX INSTITUTE INC.	298
METROPOLITAN MEDICAL COMPANY	188
MILES LABORATORIES, INC.	52 270

ALPHABETICAL LISTING  
 LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
MILES PHARMACEUTICALS	52A 270
MYZON LABORATORIES, INC.	213
NORDEV LABORATORIES	189
PET VACCINES	272
PHILIPS ROXANE, INC.	124
PITMAN-MOORE, INC.	264
PROFESSIONAL BIOLOGICAL COMPANY	188
RAGLAND RESEARCH, INC	289
RIBI IMMUNOCHEM RESEARCH INC	300
ROLYNN LABORATORIES INC	165B
SALSBURY LABORATORIES	195A
SALSBURY LABORATORIES, INC.	195
SCHERING VETERINARY	165 165A 165B
SCIENTIFIC LABORATORIES, INC.	188
SELECT LABORATORIES, INC.	279
SMITHKLINE ANIMAL HEALTH PRODUCTS	189
SMITHKLINE BECKMAN CORPORATION	189
SOUTHWESTERN LABORATORIES, INC.	213
STERLING DRUG, INC.	226 226A
STERWIN LABORATORIES, INC.	226 226A
SYNTEX (U.S.A.), INC.	213
SYNTEX AGRIBUSINESS, INC.	213
TAVOLEK, INC.	264
TEXAS VET LAB INC	290
TRANS WORLD LABORATORIES, INC.	213
TRI-BIO LABORATORIES, INC.	275
UNITED ANIMAL SCIENCE, GIBCO DIVISION	245
UNIVERSAL LABORATORIES, INC.	188
UNIVERSITY LABORATORIES, INC.	291
VACCINE SPECIALTIES	227
VACCINES, INC.	227
VINELAND LABORATORIES	196
WELLCOME ANIMAL HEALTH DIVISION	107
WELLCOME VACCINES DIVISION	107

ALPHABETICAL LISTING  
LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
WILDLIFE VACCINES, INC.	277
WYETH INTERNATIONAL LIMITED	112 112A 112B
WYETH VETERINARY PRODUCTS, INC.	112 112A 112B

NUMERICAL LISTING  
OF  
ESTABLISHMENTS

LICENSE NUMBER

<p>MERCK &amp; COMPANY, INC. DIVISIONS: MERCK CHEMICAL DIVISION MERCK SHARP &amp; DOHME DIVISION MAIL: MERCK SHARP &amp; DOHME DIVISION OF MERCK &amp; CO., INC. WEST POINT, PA 19486</p>	3
<p>MILES LABORATORIES, INC. DIVISIONS: BAYVET DIVISION MAIL: BAYVET DIVISION MILES LABORATORIES, INC. P. O. BOX 390 SHAWNEE MISSION, KS 66201</p>	52
<p>MILES PHARMACEUTICALS DIVISIONS: HOLLISTER-STIER MAIL: HOLLISTER-STIER DIV OF MILES LABORATORIES INC P O BOX 3145 SPOKANE, WA 99220-3153</p>	52A
<p>BURROUGHS WELLCOME CO. DIVISIONS: JENSEN-SALSBERY LABORATORIES WELLCOME VACCINES DIVISION ANIMAL HEALTH DIVISION WELLCOME ANIMAL HEALTH DIVISION COOPER DIVISION MAIL: WELLCOME ANIMAL HEALTH DIVISION BURROUGHS WELLCOME CO. 520 WEST 21ST STREET KANSAS CITY, MO 64108</p>	107
<p>AMERICAN HOME PRODUCTS CORPORATION SUBSIDIARIES: WYETH VETERINARY PRODUCTS, INC. WYETH INTERNATIONAL LIMITED FRANKLIN LABORATORIES, INC. FORT DODGE LABORATORIES, INC. MAIL: FORT DODGE LABORATORIES, INC. FORT DODGE, IA 50501</p>	112
<p>AMERICAN HOME PRODUCTS CORPORATION SUBSIDIARIES: FORT DODGE LABORATORIES, INC. FRANKLIN LABORATORIES, INC. WYETH INTERNATIONAL LIMITED WYETH VETERINARY PRODUCTS, INC. MAIL: FRANKLIN LABORATORIES, INC. P.O. BOX 669 AMARILLO, TX 79105</p>	112A
<p>AMERICAN HOME PRODUCTS CORPORATION SUBSIDIARIES: FORT DODGE LABORATORIES, INC. FRANKLIN LABORATORIES, INC. WYETH INTERNATIONAL LIMITED WYETH VETERINARY PRODUCTS, INC. MAIL: WYETH LABORATORIES, INC. NASP &amp; BIDDLE STREETS MARIETTA, PA 17547</p>	112B



NUMERICAL LISTING  
OF  
ESTABLISHMENTS

LICENSE NUMBER

PHILIPS ROXANE, INC. 124  
DIVISIONS:  
BIO-CEUTIC LABORATORIES, INC.  
ANCHOR LABORATORIES, INC.  
MAIL: PHILIPS ROXANE, INC.  
2621 NORTH BELT HIGHWAY  
ST. JOSEPH, MO 64502

DOUGLAS INDUSTRIES 165  
SUBSIDIARIES:  
BURNS-BIOTEC LABORATORIES, INC.  
DIVISIONS:  
AMERICAN SCIENTIFIC LABORATORIES  
SCHERING VETERINARY  
CONTINENTAL ANIMAL HEALTH  
MAIL: AMERICAN SCIENTIFIC LABORATORIES  
DIV. OF SCHERING CORPORATION  
P.O. BOX 7130  
MADISON, WI 53707 U.S.A.

DOUGLAS INDUSTRIES 165A  
SUBSIDIARIES:  
BURNS-BIOTEC LABORATORIES, INC.  
DIVISIONS:  
SCHERING VETERINARY  
AMERICAN SCIENTIFIC LABORATORIES  
CONTINENTAL ANIMAL HEALTH  
MAIL: BURNS-BIOTEC LABORATORIES, INC.  
P.O. BOX 3113  
OMAHA, NE 68103 U.S.A.

DOUGLAS INDUSTRIES 165B  
SUBSIDIARIES:  
DOUGLAS INDUSTRIES INC  
ROLYNN LABORATORIES INC  
BURNS BIOTEC LABORATORIES INC  
DIVISIONS:  
AMERICAN SCIENTIFIC LABORATORIES  
CONTINENTAL ANIMAL HEALTH  
SCHERING VETERINARY  
MAIL: SCHERING VETERINARY  
8906 ROSEHILL ROAD  
LENEXA, KS 66215

COLORADO SERUM COMPANY 188  
SUBSIDIARIES:  
AMERICANA LABORATORIES, INC.  
CONTINENTAL PHARMACAL COMPANY  
DENVER COLORADO LABORATORIES, INC.  
EMPIRE VETERINARY COMPANY  
INTERNATIONAL, INC.  
METROPOLITAN MEDICAL COMPANY  
PROFESSIONAL BIOLOGICAL COMPANY  
SCIENTIFIC LABORATORIES, INC.  
UNIVERSAL LABORATORIES, INC.  
MAIL: COLORADO SERUM COMPANY  
4950 YORK STREET  
DENVER, CO 80216

NUMERICAL LISTING  
OF  
ESTABLISHMENTS

LICENSE NUMBER

SMITHKLINE BECKMAN CORPORATION SUBSIDIARIES: NORDEN LABORATORIES DIVISIONS: SMITHKLINE ANIMAL HEALTH PRODUCTS MAIL: NORDEN LABORATORIES P.O. BOX 80809 LINCOLN, NE 68501	189
SALSBURY LABORATORIES, INC. SUBSIDIARIES: FROMM LABORATORIES, INC. MAIL: SALSBURY LABORATORIES 2000 ROCKFORD ROAD CHARLES CITY, IA 50616	195
SALSBURY LABORATORIES SUBSIDIARIES: FROMM LABORATORIES, INC. MAIL: FROMM LABORATORIES, INC. 703 LAKE SHORE ROAD GRAFTON, WI 53024	195A
MEDATZ INC. DIVISIONS: VINELAND LABORATORIES MAIL: VINELAND LABORATORIES 2285 EAST LANDIS AVENUE VINELAND, NJ 08360	196
SYNTEX (U.S.A.), INC. SUBSIDIARIES: SYNTEX AGRIBUSINESS, INC. DIAMOND LABORATORIES, INC. MYZON LABORATORIES, INC. SOUTHWESTERN LABORATORIES, INC. TRANS WORLD LABORATORIES, INC. MAIL: SYNTEX (U.S.A.), INC. P.O. BOX 863 DES MOINES, IA 50304	213
BEECHAM, INC. SUBSIDIARIES: AFFILIATED LABORATORIES DIVISIONS: BEECHAM LABORATORIES MAIL: BEECHAM LABORATORIES P.O. BOX 221 WHITE HALL, IL 62092	225
STERLING DRUG, INC. SUBSIDIARIES: STERWIN LABORATORIES, INC. MAIL: STERWIN LABORATORIES, INC. P.O. BOX 537 MILLSBORO, DE 19966	226

NUMERICAL LISTING  
OF  
ESTABLISHMENTS

LICENSE NUMBER

STERLING DRUG, INC. SUBSIDIARIES: MAIL: STERWIN LABORATORIES, INC. STERWIN LABORATORIES, INC. P.O. BOX 999 OPELIKA, AL 36801	226A
VACCINES, INC. DIVISIONS: MAIL: GUARDIAN LABORATORIES VACCINE SPECIALTIES VACCINES, INC. P.O. BOX 727 TEMPLE, TX 76501	227
MAINE BIOLOGICAL LABORATORIES, INC. SUBSIDIARIES: MAIL: BIOLOGICS PRODUCTION, INC. MAINE BIOLOGICAL LABORATORIES P.O. BOX 255 WATERVILLE, ME 04901	240
CEVA LABORATORIES, INC. MAIL: CEVA LABORATORIES, INC. P.O. BOX 6 BERLIN, MD 21811	243
CEVA LABORATORIES, INC. MAIL: CEVA LABORATORIES 12300 SANTA FE DRIVE LENEXA, KS 66215	243A
DEXTER CORPORATION, THE DIVISIONS: MAIL: INVENEX VETERINARY LABORATORIES UNITED ANIMAL SCIENCE, GIBCO DIVISION GIBCO DIVISION INVENEX VETERINARY LABORATORIES P.O. BOX 37 MIDDLETON, WI 53562	245
EM INDUSTRIES, INCORPORATED DIVISIONS: MAIL: CENTER LABORATORIES CENTER LABORATORIES 35 CHANNEL DRIVE PORT WASHINGTON, NY 11050	259
JOHNSON & JOHNSON SUBSIDIARIES: MAIL: PITMAN-MOORE, INC. TAVOLEK, INC. PITMAN-MOORE, INC. P.O. BOX 344 WASHINGTON CROSSING, NJ 08560	264
LONG ISLAND DUCK RESEARCH COOP., INC. MAIL: LONG ISLAND DUCK RESEARCH COOP. OLD COUNTRY ROAD P.O. BOX 217 EASTPORT, NY 11941	268

NUMERICAL LISTING  
OF  
ESTABLISHMENTS

LICENSE NUMBER

AGRI-BIO CORPORATION MAIL: AGRI-BIO CORPORATION P O BOX 897 GAINESVILLE, GA 30503	269
MILES LABORATORIES, INC. DIVISIONS: MAIL: MILES PHARMACEUTICALS MILES LABORATORIES, INC. 400 MORGAN LANE WEST HAVEN, CT 06516	270
DEKALB AG RESEARCH, INC. MAIL: DEKALB AG RESEARCH, INC. SYCAMORE ROAD DEKALB, IL 60115	271
BIOLOGICS CORPORATION DIVISIONS: AGRI-MART DIVISION CUSTOM BIOLOGICS, INC. DELLEN LABORATORIES, INC. DURVET LABORATORIES PET VACCINES MAIL: BIOLOGICS CORPORATION 2720 NORTH 84TH STREET OMAHA, NE 68134	272
TRI-BIO LABORATORIES, INC. MAIL: TRI-BIO LABORATORIES, INC. 1400 FOX HILL ROAD STATE COLLEGE, PA 16801	275
WILDLIFE VACCINES, INC. MAIL: WILDLIFE VACCINES, INC. 11475 W. 48TH AVENUE WHEAT RIDGE, CO 80033	277
DYNASCIENCE CORPORATION DIVISIONS: MAIL: M.A. BIOPRODUCTS M.A. BIOPRODUCTS BUILDING 100, BIGGS FORD ROAD WALKERSVILLE, MD 21793	278
SELECT LABORATORIES, INC. MAIL: SELECT LABORATORIES, INC. GAINESVILLE, GA 30501	279
KEEVET LABORATORIES MAIL: KEEVET LABORATORIES P.O. BOX 1706 ANNISTON, AL 36202	280
AMBICO, INC. MAIL: AMBICO, INC. ROUTE 2, P.O. BOX M DALLAS CENTER, IA 50063	281

NUMERICAL LISTING  
OF  
ESTABLISHMENTS

LICENSE NUMBER

BARRY LABORATORIES, INC. MAIL: BARRY LABORATORIES, INC. 461 NORTHEAST 27TH STREET POMPANO BEACH, FL 33064	283
BIDMED RESEARCH LABORATORIES, INC. MAIL: BIDMED RESEARCH LABORATORIES, INC. 1115 EAST PIKE STREET SEATTLE, WA 98122	285
INTER-CONTINENTAL BIOLOGICS INC. MAIL: INTER-CONTINENTAL BIOLOGICS INC. P.O. BOX 318 MILLSBORO, DE 19966	286
CONNAUGHT LABORATORIES, INC. DIVISIONS: MAIL: CONNAUGHT ANIMAL HEALTH CONNAUGHT LABORATORIES, INC. SWIFTWATER, PA 18370	287
JACKSON BIOLOGICS, INC. MAIL: JACKSON BIOLOGICS, INC. 1101 WEST 56 HIGHWAY OLATHE, KS 66061	288
RAGLAND RESEARCH, INC MAIL: RAGLAND RESEARCH, INC 119 ROWE ROAD ATHENS, GA 30601	289
TEXAS VET LAB INC MAIL: TEXAS VET LAB INC 1202 NORTH BELL STREET SAN ANGELO, TX, 76903	290
UNIVERSITY LABORATORIES, INC. MAIL: UNIVERSITY LABORATORIES, INC. 810 NORTH SECOND AVENUE HIGHLAND PARK, NJ 08904	291
A M BIO TECHNIQUES INC MAIL: 212 EAST CENTRAL BELTON, TX 76513	292
GREER LABORATORIES, INC. MAIL: GREER LABORATORIES INC P O BOX 800 LENOIR, NC 28645	294
MALLINCKRODT INC. MAIL: MALLINCKRODT INC P O BOX 5840 675 MCDONNELL BLVD. ST LOUIS, MO 63134	295



NUMERICAL LISTING  
OF  
ESTABLISHMENTS

LICENSE NUMBER

CONNAUGHT LABORATORIES (PERMITTEE) MAIL: SWIFTWATER, PA 18370	296
GREENBRIAR VETERINARY SERVICES INC MAIL: G.V.S. INC 6040 DUBLIN ROAD DELAWARE, OH 43015	297
MERIEUX INSTITUTE INC. MAIL: MERIEUX INSTITUTE INC. 117 ROWE ROAD ATHENS, GA 30601	298
RIBI IMMUNOCHEM RESEARCH INC MAIL: RIBI IMMUNOCHEM RESEARCH INC. P O BOX 1409 HAMILTON, MI 48040	300

## LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

\*\*\* VACCINES AND VIRUSES

\*\*\*

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
1021.00	<u>ALCALIGENES FAECALIS VACCINE</u> AVIRULENT LIVE CULTURE	165
1005.50	<u>ANAPLASMOSIS VACCINE</u> KILLED	112
1011.00	<u>ANTHRAX SPORE VACCINE</u> LIVE CULTURE	52 107 188
1051.10	<u>AVIAN ENCEPHALOMYELITIS VACCINE</u> LIVE VIRUS	195 196
1051.11	LIVE VIRUS	195 196 226 243 269 286
1055.10	KILLED VIRUS	240
10M1.10	<u>AVIAN ENCEPHALOMYELITIS-FOWL POX VACCINE</u> LIVE VIRUS	165 195 196 226 243
1041.20	<u>AVIAN REO VIRAL VACCINE</u> KILLED VIRUS, CELL LINE ORIGIN	298
1061.00	<u>BLUETONGUE VACCINE</u> MODIFIED LIVE VIRUS	188
1081.00	<u>BORDETELLA BRONCHISEPTICA VACCINE</u> AVIRULENT LIVE CULTURE	165A
1081.01	AVIRULENT LIVE CULTURE	124
	<u>BOVINE RHINOTRACHEITIS VACCINE</u>	

\*\*\* VACCINES AND VIRUSES

\*\*\*

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
1101.00	MODIFIED LIVE VIRUS	3 243A	107 264	188	213
1101.01	MODIFIED LIVE VIRUS	52	107	225	
1101.20	MODIFIED LIVE VIRUS	124	189	272	

BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE

1121.00	MODIFIED LIVE VIRUS	107 243A	188 264	213	225
1121.01	MODIFIED LIVE VIRUS	264			
1121.20	MODIFIED LIVE VIRUS	124	189	272	
1121.21	MODIFIED LIVE VIRUS	189			
1121.31	MODIFIED LIVE VIRUS	52			
1125.00	KILLED VIRUS	112			
1125.20	KILLED VIRUS	112			

BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE

1151.00	MODIFIED LIVE VIRUS	188	213	243A	264
1151.01	MODIFIED LIVE VIRUS	243A			
1151.20	MODIFIED LIVE VIRUS	189	272		
1151.30	MODIFIED LIVE VIRUS	124	189		

BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE

1171.00	MODIFIED LIVE VIRUS	188	213	243A	264
1171.01	MODIFIED LIVE VIRUS	264			
1171.20	MODIFIED LIVE VIRUS	189	272		
1171.30	MODIFIED LIVE VIRUS	52	124	189	
1175.20	KILLED VIRUS	112			

BOVINE ROIA-CORONAVIRUS VACCINE

1931.20	MODIFIED LIVE VIRUS	189
---------	---------------------	-----

BOVINE VIRUS DIARRHEA VACCINE

\*\*\* VACCINES AND VIRUSES

\*\*\*

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
1201.00	MODIFIED LIVE VIRUS	124 243A	188 264	189	213
1201.20	MODIFIED LIVE VIRUS	189	272		
1205.20	KILLED VIRUS	112			
<u>BRONCHITIS VACCINE</u>					
1231.11	MASS TYPE, LIVE VIRUS	195 286	196	226	240
1231.12	MASS TYPE, LIVE VIRUS	195 243	196 286	226	240
1231.14	MASS & CONN TYPES, LIVE VIRUS	243	279	286	
1231.15	CONN TYPE, LIVE VIRUS	286			
1231.17	MASS & CONN TYPES, LIVE VIRUS	165			
1231.18	MASS TYPE, LIVE VIRUS	196	286		
1231.19	JMK TYPE, LIVE VIRUS	195	286		
1231.20	ARKANSAS TYPE, LIVE VIRUS	226	243	286	
<u>BRUCELLA ABORTUS VACCINE</u>					
1251.00	STRAIN 19, LIVE CULTURE	52	107	188	
1251.01	STRAIN 19, LIVE CULTURE	188			
1251.02	STRAIN 19, LIVE CULTURE, REDUCED DOSE	107	188		
<u>BURSAL DISEASE VACCINE</u>					
1271.00	LIVE VIRUS	165	196	269	
1271.01	LIVE VIRUS	269			
1271.10	LIVE VIRUS	195	226	243	
1271.11	MODIFIED LIVE VIRUS	226			
1271.12	LIVE VIRUS	195	286		
1271.13	LIVE VIRUS, CELL ASSOCIATED	279			
1275.00	KILLED VIRUS	195	196	269	
1275.10	KILLED VIRUS	196	240	286	
<u>BURSAL DISEASE-MAREK'S DISEASE VACCINE</u>					
1288.40	MODIFIED LIVE VIRUS, LIVE TURKEY HERPESVIRUS, CELL ASSOCIATED, COMBINATION PACKAGE	226			

\*\*\* VACCINES AND VIRUSES

\*\*\*

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
1288.41	MODIFIED LIVE VIRUS, LIVE TURKEY HERPESVIRUS, CELL FREE, COMBINATION PACKAGE	226
1288.42	LIVE VIRUS, LIVE TURKEY HERPESVIRUS, CELL ASSOCIATED	279
<u>BURSAL DISEASE-NEWCASTLE DISEASE VACCINE</u>		
1265.10	KILLED VIRUS	240 286
1265.40	KILLED VIRUS	195 196 269
<u>CANINE ADENOVIRUS TYPE 2-PARVOVIRUS VACCINE</u>		
1265.20	KILLED VIRUS	272
1217.20	MODIFIED LIVE & KILLED VIRUS	272
<u>CANINE CORONA VACCINE</u>		
14P1.20	MODIFIED LIVE VIRUS	227
<u>CANINE CORONA-PARVOVIRUS VACCINE</u>		
14R1.20	MODIFIED LIVE VIRUS	227
<u>CANINE DISTEMPOR VACCINE</u>		
1301.00	MODIFIED LIVE VIRUS	107 195A
1301.01	MODIFIED LIVE VIRUS	107
1301.09	MODIFIED LIVE VIRUS	195A
1301.20	MODIFIED LIVE VIRUS	107 124 189 264
<u>CANINE DISTEMPOR-ADENOVIRUS TYPE 2 VACCINE</u>		
13A1.20	MODIFIED LIVE VIRUS	189
13A1.30	MODIFIED LIVE VIRUS	195A
<u>CANINE DISTEMPOR-ADENOVIRUS TYPE 2- HEPATITIS-PARAINFLUENZA VACCINE</u>		
1440.20	MODIFIED LIVE & KILLED VIRUS	272



\*\*\* VACCINES AND VIRUSES

\*\*\*

CODE PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

~~CANINE DISTEMPHER-ADENOVIRUS TYPE 2-  
HEPATITIS-PARAINFLUENZA-PARVOVIRUS-  
VACCINE~~

1377.20 MODIFIED LIVE & KILLED VIRUS 272

~~CANINE DISTEMPHER-ADENOVIRUS TYPE 2-  
HEPATITIS-PARAINFLUENZA VACCINE~~

1341.20 MODIFIED LIVE VIRUS 189

~~CANINE DISTEMPHER-ADENOVIRUS TYPE 2-  
PARAINFLUENZA VACCINE~~

13C1.20 MODIFIED LIVE VIRUS 107 189

13C1.30 MODIFIED LIVE VIRUS 195A

~~CANINE DISTEMPHER-ADENOVIRUS TYPE 2-  
PARAINFLUENZA-PARVOVIRUS VACCINE~~

13D1.20 MODIFIED LIVE VIRUS 189

13D1.30 MODIFIED LIVE VIRUS 195A

13D1.31 MODIFIED LIVE VIRUS 195A

13D9.00 MODIFIED LIVE & KILLED VIRUS,  
COMBINATION PACKAGE 189

13D9.20 MODIFIED LIVE & KILLED VIRUS 107

~~CANINE DISTEMPHER-ADENOVIRUS TYPE 2-  
PARVOVIRUS VACCINE~~

1331.30 MODIFIED LIVE VIRUS 195A

~~CANINE DISTEMPHER-HEPATITIS VACCINE~~

1311.00 MODIFIED LIVE VIRUS 107 112 195A 243A

1311.01 MODIFIED LIVE VIRUS 107

1311.20 MODIFIED LIVE VIRUS 107 124 189 227  
245 264 272

1311.30 MODIFIED LIVE VIRUS 195A 225

1311.40 MODIFIED LIVE VIRUS 188

1319.20 MODIFIED LIVE & KILLED VIRUS,  
COMBINATION PACKAGE 107

\*\*\* VACCINES AND VIRUSES

\*\*\*

CODE PRODUCT AND FORM LICENSE NOS. OF PRODUCERS

CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA VACCINE

1381.00	MODIFIED LIVE VIRUS	195A 243A
1381.20	MODIFIED LIVE VIRUS	107 124 189 227 264 272
1381.30	MODIFIED LIVE VIRUS	195A 225
1389.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107

CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA-  
PARVOVIRUS VACCINE

1401.20	MODIFIED LIVE VIRUS	227 264
1401.23	MODIFIED LIVE VIRUS	264
1401.30	MODIFIED LIVE VIRUS	264
1409.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107

CANINE DISTEMPER-MEASLES VACCINE

1351.20	MODIFIED LIVE VIRUS	189
---------	---------------------	-----

CANINE DISTEMPER-MEASLES-PARAINFLUENZA VACCINE

13N1.20	MODIFIED LIVE VIRUS	189
---------	---------------------	-----

CANINE DISTEMPER-PARAINFLUENZA VACCINE

1391.20	MODIFIED LIVE VIRUS	107
---------	---------------------	-----

CANINE HEPATITIS VACCINE

1361.00	MODIFIED LIVE VIRUS	195A
1365.20	KILLED VIRUS	107

CANINE PARAINFLUENZA VACCINE

1421.00	MODIFIED LIVE VIRUS	195A
1421.20	MODIFIED LIVE VIRUS	195A 264 272

\*\*\*

## VACCINES AND VIRUSES

\*\*\*

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

~~CANINE PARAINFLUENZA-BORDETELLA  
BRISCHISEPTICA VACCINE~~

14M1.00	MODIFIED LIVE VIRUS, AVIRULENT LIVE CULTURE	165A
14M1.20	MODIFIED LIVE VIRUS, AVIRULENT LIVE CULTURE	124

~~COCCIDIOSIS VACCINE~~

1431.50	LIVE OOCYSTS	226A
---------	--------------	------

~~DUCK VIRUS ENTERITIS VACCINE~~

1461.10	MODIFIED LIVE VIRUS	268
---------	---------------------	-----

~~DUCK VIRUS HEPATITIS VACCINE~~

1481.10	MODIFIED LIVE VIRUS	268
---------	---------------------	-----

~~ENCEPHALOMYELITIS VACCINE~~

1475.00	EASTERN, WESTERN, KILLED VIRUS	52	107	112	188
1475.01	EASTERN, WESTERN, KILLED VIRUS	112			
1481.00	VENEZUELAN, MODIFIED LIVE VIRUS	107			
1485.32	EASTERN, VENEZUELAN, KILLED VIRUS	107			
1485.33	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	107			

~~EQUINE INFLUENZA VACCINE~~

1505.10	KILLED VIRUS	112	287
1505.20	KILLED VIRUS	52	

~~EQUINE RHINOPNEUMONITIS VACCINE~~

1521.20	MODIFIED LIVE VIRUS	189
1525.20	KILLED VIRUS	112

~~ERYSIPLOTHRIX RHUSIOPATHIAE VACCINE~~

***	VACCINES AND VIRUSES	***
CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
1541.00	AVIRULENT LIVE CULTURE	52 112 124 165A 189
	<u>FELINE PANLEUKOPENIA VACCINE</u>	
1561.00	MODIFIED LIVE VIRUS	195A 264
1561.01	MODIFIED LIVE VIRUS	225 264
1561.20	MODIFIED LIVE VIRUS	124 189 195A
1561.21	MODIFIED LIVE VIRUS	124 225 264 272
1565.00	KILLED VIRUS	107 165A 195A 225 243A 264
1565.20	KILLED VIRUS	112 165B 189 195A 225 272
	<u>FELINE PANLEUKOPENIA-RABIES VACCINE</u>	
1575.80	KILLED VIRUS	165B
	<u>FELINE PNEUMONITIS VACCINE</u>	
1581.10	MODIFIED LIVE CHLAMYDIA	195A
1581.20	MODIFIED LIVE CHLAMYDIA	195A
	<u>FELINE RHINOIRACHEITIS VACCINE</u>	
16A1.00	MODIFIED LIVE VIRUS	195A 225
	<u>FELINE RHINOIRACHEITIS-CALICI VACCINE</u>	
16C1.00	MODIFIED LIVE VIRUS	195A
16C1.20	MODIFIED LIVE VIRUS	124 189 195A 225 264 272
16C1.30	MODIFIED LIVE VIRUS	225
	<u>FELINE RHINOIRACHEITIS-CALICI- PANLEUKOPENIA VACCINE</u>	
16D1.00	MODIFIED LIVE VIRUS	195A
16D1.20	MODIFIED LIVE VIRUS	124 189 195A
16D1.30	MODIFIED LIVE VIRUS	264
16D5.20	KILLED VIRUS	112

\*\*\* VACCINES AND VIRUSES

\*\*\*

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
1608.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124 225 264 272
1608.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	225 264
1609.00	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	195A
1609.20	MODIFIED LIVE & KILLED VIRUS	195A 225 272
1609.30	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	225 264

~~FELINE RHINOTRACHEITIS-CALICI-  
PANTOCOPEDIA-PNEUMONITIS-VACCINE~~

16E1.20	MODIFIED LIVE VIRUS & CHLAMYDIA, FELINE	195A
16E1.40	MODIFIED LIVE VIRUS & CHLAMYDIA	195A
16E1.A0	MODIFIED LIVE VIRUS & CHLAMYDIA	195A
16E8.90	MODIFIED LIVE VIRUS & CHLAMYDIA, COMBINATION PACKAGE	225
16E9.20	MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA	195A
16E9.40	MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA, COMBINATION PACKAGE	195A
16E9.90	MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA, COMBINATION PACKAGE	225
16E9.A0	MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA, COMBINATION PACKAGE	195A

~~FELINE RHINOTRACHEITIS-CALICI-  
PANTOCOPEDIA-PNEUMONITIS-RABIES VACCINE~~

1610.20	MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA	195A
---------	---	------

~~FELINE RHINOTRACHEITIS-CALICI-  
PANTOCOPEDIA-RABIES VACCINE~~

16T9.20	MODIFIED LIVE & KILLED VIRUS	195A
---------	------------------------------	------

~~FELINE RHINOTRACHEITIS-CALICI-PNEUMONITIS  
VACCINE~~

16F1.40	MODIFIED LIVE VIRUS & CHLAMYDIA	195A
16F1.90	MODIFIED LIVE VIRUS & CHLAMYDIA	225
16F1.A0	MODIFIED LIVE VIRUS & CHLAMYDIA	195A

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
<u>*** VACCINES AND VIRUSES ***</u>		
<u>FELINE RHINOTRACHEITIS-PANLEUKOPENIA VACCINE</u>		
1689.30	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	264
<u>EDWL LARYNGOTRACHEITIS VACCINE</u>		
1601.01	MODIFIED LIVE VIRUS	165
1601.10	LIVE VIRUS	165 196
1601.11	MODIFIED LIVE VIRUS	165 195 196 226 243 286
1601.12	LIVE VIRUS	165
<u>EDWL POX VACCINE</u>		
1621.00	LIVE VIRUS	165 196 243 269
1621.01	LIVE VIRUS	269
1621.10	LIVE VIRUS	165 195 196 226 243 286
1621.11	LIVE VIRUS	195
<u>EDX ENCEPHALITIS VACCINE</u>		
1635.20	KILLED VIRUS	245
<u>MAREK'S DISEASE VACCINE</u>		
1641.00	LIVE TURKEY HERPESVIRUS, CELL ASSOCIATED	3 165 195 196 226 243 269 271 275 279 286
1641.01	LIVE TURKEY HERPESVIRUS, CELL FREE	3 165 195 196 226 243 269 271 275 279
1641.03	LIVE TURKEY HERPESVIRUS, CELL ASSOCIATED	3
1641.04	LIVE TURKEY HERPESVIRUS, CELL FREE	3
<u>MEASLES VACCINE</u>		
1661.20	MODIFIED LIVE VIRUS	124



\*\*\* VACCINES AND VIRUSES

\*\*\*

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
<u>MINK DISTEMPER VACCINE</u>					
1451.00	MODIFIED LIVE VIRUS	165	165A	245	
1451.01	MODIFIED LIVE VIRUS	165	165A	245	
<u>MINK DISTEMPER-ENTERITIS VACCINE</u>					
1671.30	MODIFIED LIVE VIRUS	165			
<u>MINK ENTERITIS VACCINE</u>					
1685.00	KILLED VIRUS	245			
<u>NEWCASTLE DISEASE VACCINE</u>					
1705.10	KILLED VIRUS	196	269	286	
1705.11	KILLED VIRUS	195	240		
1711.10	B1 TYPE, B1 STRAIN, LIVE VIRUS	165 240	195 243	196 279	226 286
1711.11	B1 TYPE, B1 STRAIN, LIVE VIRUS	165			
1721.10	B1 TYPE, LASOTA STRAIN, LIVE VIRUS	165 240	195 243	196 269	226 286
1721.11	B1 TYPE, LASOTA STRAIN, LIVE VIRUS	226	279	286	
1723.10	B1 TYPE, LASOTA STRAIN, LIVE VIRUS	279			
1731.10	ROAKIN TYPE, LIVE VIRUS	240			
<u>NEWCASTLE DISEASE-AVIAN ENCEPHALOMYELITIS VACCINE</u>					
1745.10	KILLED VIRUS	240			
<u>NEWCASTLE-BRONCHITIS VACCINE</u>					
1761.10	B1 TYPE, B1 STRAIN, FLORIDA TYPE, LIVE VIRUS	196			
1761.11	B1 TYPE, B1 STRAIN, MASS TYPE, LIVE VIRUS	165 240	195 243	196 279	226
1761.12	B1 TYPE, B1 STRAIN, MASS TYPE, LIVE VIRUS	165 240	195 243	196	226
1761.13	B1 TYPE, B1 STRAIN, CONN TYPE, LIVE VIRUS	165 279	195	196	243

	*** VACCINES AND VIRUSES	*** LICENSE NOS. OF PRODUCERS
CODE	PRODUCT AND FORM	
1761.14	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	195 226 243 279
1761.15	B1 TYPE,B1 STRAIN,MASS & JMK TYPES, LIVE VIRUS	165 243
1761.16	B1 TYPE,B1 STRAIN,MASS & JMK TYPES, LIVE VIRUS	226 279
1761.17	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	165 196 243
1761.18	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	196 226
1761.19	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	226 243
1761.1B	B1 TYPE,B1 STRAIN,MASS & FLORIDA TYPES, LIVE VIRUS	196
1761.1F	B1 TYPE,B1 STRAIN,CONN & JMK TYPES, LIVE VIRUS	165
1761.1M	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	243
1762.11	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	279
1762.12	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS, FROZEN	243
1762.13	B1 TYPE,B1 STRAIN,CONN TYPE,LIVE VIRUS	165 243 279
1762.17	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	165 279
1762.1A	B1 TYPE,B1 STRAIN,MASS & JMK TYPES, LIVE VIRUS	279
1762.1E	B1 TYPE,B1 STRAIN,CONN & JMK TYPES, LIVE VIRUS	165
1762.1H	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	279
1771.11	B1 TYPE,LASOTA STRAIN,MASS TYPE, LIVE VIRUS	165 195 196 240
1771.12	B1 TYPE,LASOTA STRAIN,MASS TYPE, LIVE VIRUS	165 195 243
1771.14	B1 TYPE,LASOTA STRAIN, MASS & CONN TYPES,LIVE VIRUS	165 226 243
1771.17	B1 TYPE,LASOTA STRAIN, MASS & CONN TYPES,LIVE VIRUS	165 243
1771.18	B1 TYPE,LASOTA STRAIN,MASS TYPE, LIVE VIRUS	196 226
1771.19	B1 TYPE,LASOTA STRAIN,MASS TYPE, LIVE VIRUS	226 243
1773.10	B1 TYPE,B1 STRAIN,CONN TYPE,LIVE VIRUS	279
1775.10	B1 TYPE,B1 STRAIN,MASS TYPE, KILLED VIRUS	196
17A3.1M	B1 TYPE,B1 STRAIN,MASS TYPE & ARKANSAS TYPE,LIVE VIRUS, CHICKEN EMBRYO ORIGIN	279

\*\*\*

## VACCINES AND VIRUSES

\*\*\*

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>OVINE ECDHYMA VACCINE</u>	
1821.00	LIVE VIRUS	188
1821.50	LIVE VIRUS	52
	<u>PARAINFLUENZA 3 VACCINE</u>	
1841.00	MODIFIED LIVE VIRUS	107 188
	<u>PARVOVIRUS VACCINE</u>	
18M1.00	MODIFIED LIVE VIRUS	264
18M1.20	MODIFIED LIVE VIRUS	124 189 195A 225 227 243A 264 272 292
18M1.21	MODIFIED LIVE VIRUS	189 195A 264
18M5.00	KILLED VIRUS	195
18M5.20	KILLED VIRUS	107 189 195A 272
18M5.21	KILLED VIRUS	189
18P5.00	KILLED VIRUS	195
18P5.20	KILLED VIRUS	189 264
	<u>PASTEURILLA HAEMOLYTICA VACCINE</u>	
1851.00	AVIRULENT LIVE CULTURE	269
	<u>PASTEURILLA MULTICIDA VACCINE</u>	
1871.01	AVIRULENT LIVE CULTURE, AVIAN ISOLATES	165 165A 195A 196 226A 280
1871.02	AVIRULENT LIVE CULTURE, AVIAN ISOLATES	165 165A 196
1871.05	AVIRULENT LIVE CULTURE, AVIAN ISOLATES	196
1871.06	AVIRULENT LIVE CULTURE, BOVINE ISOLATES	189
	<u>PIGEON POX VACCINE</u>	
1881.10	LIVE VIRUS	165 196 226 243 286
1881.11	LIVE VIRUS, PIGEONS ONLY	196

\*\*\*

## VACCINES AND VIRUSES

\*\*\*

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

PORCINE ROTAVIRUS-  
TRANSMISSIBLE GASTROENTERITIS VACCINE

1970.20	MODIFIED LIVE VIRUS	281
1971.20	MODIFIED LIVE VIRUS	281

PSEUDORABIES VACCINE

1891.20	MODIFIED LIVE VIRUS	124	189	264
1895.00	KILLED VIRUS	195		
1895.20	KILLED VIRUS	52	189	

RABIES VACCINE

1901.03	MODIFIED LIVE VIRUS, HIGH CELL PASSAGE, SAD STRAIN	107	124	264
1901.05	MODIFIED LIVE VIRUS, HIGH CELL PASSAGE, SAD STRAIN	124		
1901.11	MODIFIED LIVE VIRUS, LOW EGG PASSAGE, FLURY STRAIN	195A		
1901.22	MODIFIED LIVE VIRUS, HIGH EGG PASSAGE, FLURY STRAIN	189		
1901.23	MODIFIED LIVE VIRUS, HIGH CELL PASSAGE, SAD STRAIN	107		
1905.20	KILLED VIRUS	107	189	195A 225 227 264 288 298
1905.21	KILLED VIRUS	107	189	
1905.51	KILLED VIRUS	165B	227	
1905.55	KILLED VIRUS	165B	277	

RHINOTRACHEITIS VACCINE

16A1.20	MODIFIED LIVE VIRUS	264
---------	---------------------	-----

SENDAI VACCINE

19M5.10	KILLED VIRUS	278
---------	--------------	-----

SIREPTOCOCCUS GROUP E VACCINE

1941.00	AVIRULENT LIVE CULTURE	112
---------	------------------------	-----

\*\*\*

## VACCINES AND VIRUSES

\*\*\*

CODE

PRODUCE AND FORMLICENSE NOS. OF PRODUCERSTENOSYNOVITIS VACCINE

1951.00	LIVE VIRUS	243			
1951.01	MODIFIED LIVE VIRUS	165	195	196	243
1951.10	LIVE VIRUS	226			
1951.11	MODIFIED LIVE VIRUS	195			
1955.00	KILLED VIRUS	280			

TRANSMISSIBLE GASTROENTERITIS VACCINE

1961.00	MODIFIED LIVE VIRUS	213			
1961.20	MODIFIED LIVE VIRUS	112	281		

ARI VACCINE

1985.50	KILLED VIRUS	52 189	112 213	112A 243A	188
---------	--------------	-----------	------------	--------------	-----

\*\*\* BACTERINS & BACTERIAL EXTRACTS

\*\*\*

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

2035.00	AEROMONAS SALMONICIDA BACTERIN	277			
2036.00	AEROMONAS SALMONICIDA-ENTERIC REDMOUTH BACTERIN	277			
2037.00	AEROMONAS SALMONICIDA-VIBRIO ANGUILLARUM BACTERIN	277			
2051.00	AUTOGENOUS BACTERIN	112 225 277	188 226A 285	195 240	196 245
2100.00	BORDETELLA BRONCHISEPTICA BACTERIN	165A 264	189 272	195	225
2100.01		264	272		
2103.00	BORDETELLA BRONCHISEPTICA-ERYSIPLOTHRIX RHUSIOPATHIAE BACTERIN	189	195	272	
2105.00	BORDETELLA BRONCHISEPTICA-ERYSIPLOTHRIX RHUSIOPATHIAE-HAEMOPHILUS PLEURO-PNEUMONIAE BACTERIN	189			
2107.00	BORDETELLA BRONCHISEPTICA-ERYSIPLOTHRIX RHUSIOPATHIAE-HAEMOPHILUS PLEURO-PNEUMONIAE-PASTURELLA MULTOCIDA BACTERIN	189			



\*\*\* BACTERINS & BACTERIAL EXTRACTS

\*\*\*

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
2101.00	<del>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX LEPTOSPIRAE-PASIEURELLA-MOLITOCIDA BACTERIN</del>	189 195 264 272
2112.00	<del>BORDETELLA BRONCHISEPTICA- ESCHERICHIA-COLI-BACTERIN</del>	264
2104.00	<del>BORDETELLA BRONCHISEPTICA-LEPTOSPIRA CANICULA-ICTERODAE-MORRHASTAE-BACTERIN</del>	189
2108.00	<del>BORDETELLA BRONCHISEPTICA-PASIEURELLA MOLITOCIDA-BACTERIN</del>	165A 189 195 225 243A 272 281
2401.00	<del>CLOSIRIDIUM CHAUVOEI-SEPTICUM-BACTERIN</del>	52 112A 124 188 213 225 272
2401.01		124 188
2409.00	<del>CLOSIRIDIUM CHAUVOEI-SEPTICUM-LEPTOSPIRA MORONA-BACTERIN</del>	124
2460.00	<del>CLOSIRIDIUM CHAUVOEI-SEPTICUM-PASIEURELLA HAEMOLYTICA-MOLITOCIDA-BACTERIN</del>	52 112A 124 188 213 225 272
2460.01		188

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

~~CLOSTRIDIUM CHAUVDEI-SEPTICUM-PASTEURELLA~~  
~~MULTICIDA-BACTERIN~~

2461.00

188

~~CLOSTRIDIUM HAEMOLYTICUM-BACTERIN~~

2465.00

52 107 112A 124  
188 225

2465.01

107 213

~~CORYNEBACTERIUM PYOGENES-PASTEURELLA~~  
~~HAEMOLYTICA-MULTICIDA-BACTERIN~~

2633.00

52 112

~~ENTERIC-REDMOUTH-BACTERIN~~

2638.00

264 277 285

~~ERYSIPELOTHRIX RHUSIOPATHIAE-BACTERIN~~

2641.00

52 107 112A 124  
165A 188 189 195  
195A 196 213 225  
243A 264 272

2641.01

188

~~ERYSIPELOTHRIX RHUSIOPATHIAE-HAEMOPHILUS~~  
~~PLEUROPSAUMONIAE-BACTERIN~~

2640.00

189

~~ERYSIPELOTHRIX RHUSIOPATHIAE-LEPTOSPIRA~~  
~~CAVICOLA-GRIPPODYCHOSACHARDIO-~~  
~~ICTERONHAEMORRHAGIAE-POMOVA-BACTERIN~~

2642.00

189

~~ERYSIPELOTHRIX RHUSIOPATHIAE-PASTEURELLA~~  
~~MULTICIDA-BACTERIN~~

\*\*\* BACTERINS & BACTERIAL EXTRACTS

\*\*\*

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
2645.01	PORCINE ISOLATES	264
2645.03	AVIAN ISOLATES, TYPES 1, 3 & 4	196

ESCHERICHIA COLI BACTERIN

2648.00		287
2648.01		213
2648.03		264
2648.04		189
2648.40		112 112A 225
2648.42		264
2648.43		165A
2648.44		195
2648.48		225

ESCHERICHIA COLI-PASTEURRELLA HAEMOLYTICA-MULTICIDA-SALMONELLA-TYPHIMORIUM BACTERIN

2651.00		112 290
---------	--	---------

ESCHERICHIA COLI-PASTEURRELLA MULTICIDA-SALMONELLA-CHOLERAESUIS BACTERIN

2650.00		112 225
---------	--	---------

HAEMOPHILUS GALLINARUM BACTERIN

2658.00		195
---------	--	-----

HAEMOPHILUS PLEURO-PNEUMONIAE BACTERIN

2657.00		189 225
---------	--	---------

HAEMOPHILUS SOMNUS BACTERIN

2659.00		124 225 272
---------	--	-------------

HAEMOPHILUS SOMNUS-PASTEURRELLA HAEMOLYTICA-MULTICIDA BACTERIN

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
2660.00		124	225		
2664.00	HAEMOPHILUS SOMNUS-VIBRIO FETUS- LEPTOSPIRA CANICOLA-GRIPPOLYPHOSA-HARDJO- ICTEROHAEMORRHAGIAE-POMONA-BACTERIN	124			
2661.00	LEPTOSPIRA CANICOLA-BACTERIN	188			
2665.00	LEPTOSPIRA CANICOLA-GRIPPOLYPHOSA-HARDJO- ICTEROHAEMORRHAGIAE-POMONA-BACTERIN	52 165A 213 272	107 188 225	112 189 243A	124 195A 264
2665.01		124	188	189	272
2665.02		189			
2668.00	LEPTOSPIRA CANICOLA-GRIPPOLYPHOSA- ICTEROHAEMORRHAGIAE-POMONA-BACTERIN	195A			
2671.00	LEPTOSPIRA CANICOLA-ICTEROHAEMORRHAGIAE BACTERIN	52 188 227	107 189 243A	112 195A 264	124 225 272
2671.01		264			
2673.00	LEPTOSPIRA CANICOLA-ICTEROHAEMORRHAGIAE- POMONA-BACTERIN	213			

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
2675.00	LEPTOSPIRA GRIPPOTYPHOSA BACTERIN	188			
2681.00	LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN	107 189	112 225	124 264	188 272
2687.00	LEPTOSPIRA HARDJO BACTERIN	189			
2688.00	LEPTOSPIRA HARDJO-POMONA BACTERIN	189			
2691.00	LEPTOSPIRA POMONA BACTERIN	3 124 213 272	52 188 225	107 189 243A	112 195A 264
2691.01		188			
2695.00	LEPTOSPIRA POMONA-PASTEURRELLA HAEMOLYTICA- SU-TOCIDA BACTERIN	124			
2772.00	MORAXELLA BOVIS BACTERIN	165A			
2774.00	MYCOPLASMA GALLISEPTICUM BACTERIN	195			
2773.00	MYCOBACTERIUM PARATUBERCULOSIS BACTERIN	195A			

## ☆☆☆

LICENSE NOS. OF PRODUCERS

PASTEURILLA\_HAEMOLYTICA=MULIOCIDARACIERIN

268

52	107	112	124
188	213	225	243A
264	272		

### PORCINE ISOLATES

264

BOVINE &amp; PORCINE ISOLATES

188

BOVINE &amp; PORCINE ISOLATES

188

AVIAN ISOLATES, TYPES 1, 3 & 4

195 196 226A 240

165

2735.00

188

2771.00

52 188

2821.00

124

2852.00

112

2855.00

107

2856.00



\*\*\* BACTERINS & BACTERIAL EXTRACTS

\*\*\*

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

VIBRIO ANGUILLARUM BACTERIN

2858.01	BIVALENT CONCENTRATE	285			
2858.02		264	277	285	296

VIBRIO FETUS BACTERIN

2861.00	OVINE ISOLATES	188			
2862.00	BOVINE ISOLATES	52 225	112A 272	124	165A
2862.10	BOVINE ISOLATES	112	188	189	

VIBRIO FETUS-LEPTOSPIRA CANICOLA-GRIPPITYPHOSA-HAEMOLYTICUS-ICTEROHAEMORRHAGIAE-POMONA BACTERIN

2863.00		52 225	124 272	188	189
2863.10		112			

VIBRIO FETUS-LEPTOSPIRA GRIPPITYPHOSA-HAEMOLYTICUS-POMONA BACTERIN

2869.00		124			
2869.10		112			

VIBRIO FETUS-LEPTOSPIRA POMONA BACTERIN

2865.00		52 225	112A	124	189
---------	--	-----------	------	-----	-----

\*\*\*

## ANTISERUM

\*\*\*

CODE

PRODUCT AND FORM

LICENSE NOS. OF PROD. CERS.

~~CANINE DISTEMPER-HEPATITIS-LEPTOSPIRA~~  
~~CANINCOCA-ANTISERUM~~

3343.00

CANINE ORIGIN, CONCENTRATE

195A

~~CORYNEBACTERIUM PYOGENES-ESCHERICHIA COLI-~~  
~~PASTEURELLA HAEMOLYTICA-MOLITOCIDA-~~  
~~SALMONELLA-TYPHIMORIUM-ANTISERUM~~

3391.00

BOVINE ISOLATES &amp; ORIGIN

188

~~CORYNEBACTERIUM PYOGENES-ESCHERICHIA COLI-~~  
~~PASTEURELLA HAEMOLYTICA-MOLITOCIDA-~~  
~~TYPHIMORIUM-ANTISERUM~~

3399.00

BOVINE ISOLATES &amp; ORIGIN

3400.00

BOVINE ISOLATES &amp; ORIGIN, CONCENTRATE

124

~~CORYNEBACTERIUM PYOGENES-PASTEURELLA~~  
~~HAEMOLYTICA-MOLITOCIDA-ANTISERUM~~

3414.00

BOVINE ISOLATES &amp; ORIGIN, CONCENTRATE

213

3414.02

BOVINE & PORCINE ISOLATES  
 BOVINE ORIGIN

~~CORYNEBACTERIUM PYOGENES-PASTEURELLA~~  
~~MOLITOCIDA-ANTISERUM~~

3501.00

BOVINE ISOLATES &amp; ORIGIN

188

3501.02

BOVINE & PORCINE ISOLATES,  
 BOVINE ORIGIN

188

3504.00

BOVINE ISOLATES &amp; ORIGIN, CONCENTRATE

188

3504.02

BOVINE & PORCINE ISOLATES,  
 BOVINE ORIGIN, CONCENTRATE

188

~~DUCK VIRUS-HEPATITIS-YOKE-ANTIBODY~~

3508.00

268

~~ERYSIPLOTHRIX RHUSIOPATHIAE-ANTISERUM~~

3511.00

EQUINE ORIGIN

124 188

3514.00

EQUINE ORIGIN, CONCENTRATE

124

\*\*\*

## ANTISERUM

\*\*\*

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

ESCHERICHIA COLI-PASTÉURELLA MULTICIDA-  
~~SALMONELLA-TYPHIMURIS-ANTISERUM~~

3531.00

BOVINE ISOLATES &amp; ORIGIN

188

NORMAL SERUM

3602.00

EQUINE ORIGIN

188

CODE                      PRODUCT AND FORM                      LICENSE NOS. OF PRODUCERS

~~BOVINE RHINOTRACHEITIS VACCINE-  
HAEMOPHILUS SOMNUS PASTEURELLA  
HAEMOLYTICA-BULDOCIDA-BACTERIN~~

4009.20                      MODIFIED LIVE VIRUS,                      124  
COMBINATION PACKAGE

~~BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA  
CANICOLA-GRIPPOTYPHOSA-HARDJIC-  
LEPTOSPIRA-HARDJIC-POMONA-BACTERIN~~

4019.00                      MODIFIED LIVE VIRUS,                      188  
COMBINATION PACKAGE

~~BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA  
GRIPPOTYPHOSA-HARDJIC-POMONA-BACTERIN~~

4059.00                      MODIFIED LIVE VIRUS,                      188  
COMBINATION PACKAGE

4059.20                      MODIFIED LIVE VIRUS,                      272  
COMBINATION PACKAGE

~~BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA  
POMONA-BACTERIN~~

4081.00                      MODIFIED LIVE VIRUS                      3

4089.00                      MODIFIED LIVE VIRUS,                      107 188 213 243A  
COMBINATION PACKAGE                      264

4089.01                      MODIFIED LIVE VIRUS,                      52  
COMBINATION PACKAGE

4089.20                      MODIFIED LIVE VIRUS,                      124 189 272  
COMBINATION PACKAGE

~~BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA  
POMONA-PASTEURELLA-HAEMOLYTICA-BULDOCIDA-  
BACTERIN~~

4119.20                      MODIFIED LIVE VIRUS,                      124  
COMBINATION PACKAGE

~~BOVINE RHINOTRACHEITIS-PARAINFLUENZA-3  
VACCINE-HAEMOPHILUS SOMNUS-BACTERIN~~

4135.00                      KILLED VIRUS                      124

4139.20                      MODIFIED LIVE VIRUS, CELL LINE ORIGIN                      124

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

~~BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3~~  
~~VACCINE-HAEMOPHILUS SOMERUS-PASTEURCELLA~~  
~~HAEMOLYTICA-MULTICIDA-BACTERIN~~

4165.00 KILLED VIRUS 124

4169.20 MODIFIED LIVE VIRUS,  
COMBINATION PACKAGE 124

~~BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3~~  
~~VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-~~  
~~POSONA-BACTERIN~~

4129.00 MODIFIED LIVE VIRUS,  
COMBINATION PACKAGE 188 213

~~BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3~~  
~~VACCINE-LEPTOSPIRA-GRIPPOTYPHOSA-HARDJO-~~  
~~POSONA-BACTERIN~~

4179.00 MODIFIED LIVE VIRUS,  
COMBINATION PACKAGE 188

4179.20 MODIFIED LIVE VIRUS,  
COMBINATION PACKAGE 272

~~BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3~~  
~~VACCINE-LEPTOSPIRA-POSONA-BACTERIN~~

4209.00 MODIFIED LIVE VIRUS,  
COMBINATION PACKAGE 188 213

4209.20 MODIFIED LIVE VIRUS,  
COMBINATION PACKAGE 124 272

4209.31 MODIFIED LIVE VIRUS,  
COMBINATION PACKAGE 52

~~BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3~~  
~~VACCINE-LEPTOSPIRA-POSONA-PASTEURCELLA~~  
~~HAEMOLYTICA-MULTICIDA-BACTERIN~~

4239.20 MODIFIED LIVE VIRUS,  
COMBINATION PACKAGE 124

~~BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3~~  
~~VACCINE-PASTEURCELLA-HAEMOLYTICA-MULTICIDA~~  
~~BACTERIN~~

4265.00 KILLED VIRUS 112 124

4265.20 KILLED VIRUS 112

\*\*\* VACCINES WITH BACTERINS/TOXOIDS

\*\*\*

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
4269.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213 243A 264
4269.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272
	<del>BOVINE RHINOTRACHELITIS VACCINE- PASTEDURELLA HAEMOLYTICA-MULTILOCIDA BACTERIN</del>	
4299.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272
	<del>BOVINE RHINOTRACHELITIS-VIRUS DIARRHEA VACCINE-HAEMOPHILUS SOMNUS-PASTEDURELLA HAEMOLYTICA-MULTILOCIDA-BACTERIN</del>	
4319.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124
	<del>BOVINE RHINOTRACHELITIS-VIRUS DIARRHEA VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA- HARDJO-CLERBERGHAEMOPHILUS-POMONA BACTERIN</del>	
4339.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188 213
4339.20	MODIFIED LIVE VIRUS	189
	<del>BOVINE RHINOTRACHELITIS-VIRUS DIARRHEA VACCINE-LEPTOSPIRA-GRIPPOTYPHOSA-HARDJO- POMONA-BACTERIN</del>	
4359.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188
4359.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272
	<del>BOVINE RHINOTRACHELITIS-VIRUS DIARRHEA VACCINE-LEPTOSPIRA-POMONA-BACTERIN</del>	
4389.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188 213 243A 264
4389.01	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	243A
4389.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189 272
4389.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124 189



\*\*\* VACCINES WITH BACTERINS/TOXOIDS

\*\*\*

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

~~BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA~~  
~~VACCINE-LEPTOSPIRA POMONA-PASTEURELLA~~  
~~HAEMOLYTICA-MULTILOCA-BACTERIN~~

4419.30

MODIFIED LIVE VIRUS,  
COMBINATION PACKAGE

124

~~BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-~~  
~~PARATUBERCULOSA-3 VACCINE-HAEMOPHILUS~~  
~~SOMMERS-BACTERIN~~

44H9.20

MODIFIED LIVE VIRUS

272

44H9.30

MODIFIED LIVE VIRUS,  
COMBINATION PACKAGE

124

~~BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-~~  
~~PARATUBERCULOSA-3 VACCINE-HAEMOPHILUS~~  
~~SOMMERS-PASTEURELLA-HAEMOLYTICA-MULTILOCA~~  
~~BACTERIN~~

4459.30

MODIFIED LIVE VIRUS,  
COMBINATION PACKAGE

124

~~BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-~~  
~~PARATUBERCULOSA-3 VACCINE-LEPTOSPIRA~~  
~~CANICULA-GRIPPOTYPHOSA-HARDJO-~~  
~~ICTEROHAEMORRHAGIAE-POMONA-BACTERIN~~

4439.00

MODIFIED LIVE VIRUS,  
COMBINATION PACKAGE

188 213 243A

4439.20

MODIFIED LIVE VIRUS,  
COMBINATION PACKAGE

189 272

4439.30

MODIFIED LIVE VIRUS,  
COMBINATION PACKAGE

52 124 189

~~BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-~~  
~~PARATUBERCULOSA-3 VACCINE-LEPTOSPIRA~~  
~~GRIPPOTYPHOSA-HARDJO-POMONA-BACTERIN~~

4479.00

MODIFIED LIVE VIRUS,  
COMBINATION PACKAGE

188

4479.20

MODIFIED LIVE VIRUS,  
COMBINATION PACKAGE

272

~~BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-~~  
~~PARATUBERCULOSA-3 VACCINE-LEPTOSPIRA-POMONA~~  
~~BACTERIN~~

\*\*\* VACCINES WITH BACTERINS/TOXOIDS

\*\*\*

CODE	PRODUCT AND FORM	LICENSE NOS.	OF PRODUCERS
4509.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188 213	264
4509.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189	272
4509.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	52	189
<del>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PASTEURIZED VACCINE-PASTEURIZED HAEMOLYTIC-BACTERIN</del>			
4535.20	KILLED VIRUS	112	
4539.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213	243A 264
4539.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272	
<del>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PASTEURIZED VACCINE-VIRUS-FETUS- LEPTOSPIRA-CANTHOCAL-GRIPPOTYPHOSA-HARDJO- INTERHABITANT-BACTERIN</del>			
4560.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189	272
<del>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE-PASTEURIZED-HAEMOLYTIC-BACTERIN</del>			
4429.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272	
<del>BOVINE ROTA-CORONAVIRUS VACCINE- ESCHERICHIA-COLI-BACTERIN</del>			
4589.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189	
<del>BOVINE VIRUS DIARRHEA VACCINE-LEPTOSPIRA BACTERIN</del>			
4599.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188	189
4599.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189	
<del>CANINE ADENOVIRUS TYPE 2-PARVOVIRUS VACCINE-LEPTOSPIRA-BACTERIN</del>			

\*\*\* VACCINES WITH BACTERINS/TOXOIDS

\*\*\*

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
4605,20	KILLED VIRUS	272
4608,20	MODIFIED LIVE & KILLED VIRUS	272
4781,20	<del>CANINE CORONA-PARVOVIRUS VACCINE- LEPTOSPIRA BACTERIN</del> MODIFIED LIVE VIRUS	227
4601,20	<del>CANINE CORONAVIRUS VACCINE-LEPTOSPIRA BACTERIN</del> MODIFIED LIVE VIRUS, COMBINATION PACKAGE	227
46A9,20	<del>CANINE DISTEMPER-ADENOVIRUS TYPE 2- HEPATITIS-PARAINFLUENZA-PARVOVIRUS VACCINE</del> MODIFIED LIVE & KILLED VIRUS	272
49A9,20	<del>CANINE DISTEMPER-ADENOVIRUS TYPE 2- HEPATITIS-PARAINFLUENZA-PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</del> MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	272
4629,20	<del>CANINE DISTEMPER-ADENOVIRUS TYPE 2 VACCINE-LEPTOSPIRA BACTERIN</del> MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
4649,20	<del>CANINE DISTEMPER-ADENOVIRUS TYPE 2- PARAINFLUENZA VACCINE-JORDETELLA BRONCHISEPTICA-LEPTOSPIRA BACTERIN</del> MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
4659,20	<del>CANINE DISTEMPER-ADENOVIRUS TYPE 2- PARAINFLUENZA VACCINE-LEPTOSPIRA BACTERIN</del> MODIFIED LIVE VIRUS	107 189
4659,30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

~~CANINE DISTEMPER-ADENOVIRUS TYPE 2-~~  
~~PARAINFLUENZA-PARVOVIRUS VACCINE-~~  
~~LEPTOSPIRA BACTERIN~~

4638.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A
4638.31	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A
4639.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
4639.30	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	195A
4639.40	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107 189

~~CANINE DISTEMPER-ADENOVIRUS TYPE 2-~~  
~~PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN~~

4679.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A
---------	---	------

~~CANINE DISTEMPER-HEPATITIS VACCINE-~~  
~~LEPTOSPIRA BACTERIN~~

4681.20	MODIFIED LIVE VIRUS	272
4689.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	107 112 195A 243A
4689.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	107 124 189 264 272
4689.21	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107
4689.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A 225
4689.40	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188

~~CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA~~  
~~VACCINE-BORDETELLA BRONCHISEPTICA~~  
~~BACTERIN~~

4789.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	264
---------	---	-----

~~CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA~~  
~~VACCINE-LEPTOSPIRA BACTERIN~~

\*\*\* VACCINES WITH BACTERINS/TOXOIDS

\*\*\*

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
4809.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A 243A
4809.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	107 124 189 227 264 272
4809.21	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107
4809.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A 225
<del>CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA- PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</del>		
47P9.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107 272
47P9.21	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124 227 264
47P9.22	MODIFIED LIVE VIRUS	264
47P9.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	243A
<del>CANINE DISTEMPER VACCINE-LEPTOSPIRA BACTERIN</del>		
4749.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A
<del>CANINE HEPATITIS VACCINE-LEPTOSPIRA BACTERIN</del>		
4825.20	KILLED VIRUS	107
<del>ENCEPHALOMYELITIS-INFLUENZA VACCINE- TETANUS TOXOID</del>		
4835.41	EASTERN, WESTERN, KILLED VIRUS	112
4835.43	EASTERN, WESTERN, KILLED VIRUS	52
<del>ENCEPHALOMYELITIS VACCINE-TETANUS TOXOID</del>		
4865.00	EASTERN, WESTERN, KILLED VIRUS	52 112
4865.33	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	107
<del>EQUINE INFLUENZA VACCINE-TETANUS TOXOID</del>		

\*\*\* VACCINES WITH BACTERINS/TOXOIDS

\*\*\*

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
4895.10	KILLED VIRUS	112 287
4895.20	KILLED VIRUS	52
4909.00	<del>ERYSIPELOTHRIX RHUSIOPATHIAE VACCINE- LEPTOSPIRA CANICOLA-GRIPPOTYPHOXA-HARDJO- ICTERUSHAEMORRHAGIAE-POMONA-BACTERIN</del> AVIRULENT LIVE CULTURE, COMBINATION PACKAGE	112 124 165A 189
4919.00	<del>MINK DISTEMPER VACCINE-CLOSTRIDIUM BOTULINUM TYPE C-BACTERIN-TOXOID</del> MODIFIED LIVE VIRUS, COMBINATION PACKAGE	245
4929.00	<del>MINK DISTEMPER-ENTERITIS VACCINE- CLOSTRIDIUM BOTULINUM TYPE C BACTERIN-TOXOID</del> MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	165 165A 245
4959.30	MODIFIED LIVE & KILLED VIRUS	165
4955.00	<del>MINK ENTERITIS VACCINE-CLOSTRIDIUM BOTULINUM TYPE C-BACTERIN-TOXOID</del> KILLED VIRUS	165 165A 245
4955.20	KILLED VIRUS	165
4989.00	<del>PARAINFLUENZA 3 VACCINE-LEPTOSPIRA POMONA BACTERIN</del> MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188
4960.00	<del>PARVOVIRUS VACCINE-LEPTOSPIRA-BACTERIN</del> MODIFIED LIVE VIRUS	124 243A 264
4960.01	MODIFIED LIVE VIRUS	264
4965.20	KILLED VIRUS	107 189 195A 272
	<del>PARVOVIRUS VACCINE-LEPTOSPIRA CANICOLA- GRIPPOTYPHOXA-HARDJO-ICTERUSHAEMORRHAGIAE- POMONA-BACTERIN</del>	

\*\*\* VACCINES WITH BACTERINS/TOXOIDS

\*\*\*

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
4975.00	KILLED VIRUS, TISSUE CULTURE ORIGIN	195A
4975.20	KILLED VIRUS	189 225

~~PSEUDORABIES VACCINE-LEPTOSPIRA CANICOLA-  
ERIPPOLYPHOSA-HARDJO-ICICROCHAE-TOREKHAGIAE-  
POTOMA-BACTERIN~~

4999.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
4999.21	MODIFIED LIVE VIRUS	189

~~TRANSMISSIBLE GASTROENTERITIS VACCINE-  
CLOSTRIDIUM PERFRINGENS TYPE C  
BACTERIN-TOXOID~~

49M9.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213
---------	---	-----

~~TRANSMISSIBLE GASTROENTERITIS VACCINE-  
ES. HERICHTIA COLI BACTERIN~~

4988.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213
---------	---	-----



CODE	*** PRODUCT AND FORM	*** LICENSE NOS. OF PRODUCERS
5005.00	ALFUTIAN DISEASE COUNTERELECTROPHORESIS ANTIGEN	245
5007.00	AVIAN LEUKOSIS DIAGNOSTIC KIT	291
5505.20	BOVINE LEUKEMIA GLYCOPROTEIN IMMUNODIFFUSION ANTIGEN & REAGENT AND REFERENCE SERUMS	264
5011.00	BRUCELLA ABORTUS ANTIGEN STAINED ANTIGEN	107
5021.00	CANINE BRUCELLOSIS AGGLUTINATION ANTIGEN & REAGENT SERUM	264
5023.00	CANINE HEARTWORM TEST KIT	295
5024.00	CANINE PARVOVIRUS TEST KIT	297
5515.20	EQUINE INFECTIOUS ANEMIA IMMUNODIFFUSION ANTIGEN & REAGENT SERUM	264
	FELINE LEUKEMIA VIRUS TEST KIT	

CODE	*** PRODUCT AND FORM	*** LICENSE NOS. OF PRODUCERS
5029.00		264
5040.00	INFECTIOUS BURSAL DISEASE ANTIBODY TEST KIT	278
5051.00	LEPTOSPIRA CANICOLA ANTIGEN	112
5053.00	LEPTOSPIRA GRIPPITYPHOSA ANTIGEN	112
5055.00	LEPTOSPIRA HARDJO ANTIGEN	112
5057.00	LEPTOSPIRA ICTEROHAEMORRHAGIAE ANTIGEN	112
5059.00	LEPTOSPIRA POMONA ANTIGEN	112
5065.00	MURINE MYCOPLASMA PULMONIS ANTIBODY TEST KIT	264
5071.00	MYCOPLASMA GALLISEPTICUM ANTIGEN S-6 SEROTYPE, PLATE	195
5072.00	MYCOPLASMA MELEAGRIDIS ANTIGEN H SEROTYPE, PLATE	195

***	DIAGNOSTICS	***
CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>MYCOPLASMA SYNOVIAE ANTIGEN</u>	
5073.00	S-SEROTYPE, PLATE	195
	<u>PULLORUM ANTIGEN</u>	
5201.00	MICROTEST	196
5206.00	STAINED ANTIGEN K POLYVALENT	195
5207.00	STAINED ANTIGEN POLYVALENT	196
5209.00	TUBE	196
	<u>ROTAVIRUS DIAGNOSTIC KIT</u>	
5270.00		304H
	<u>TUBERCULIN</u>	
5301.00	MAMMALIAN, HUMAN ISOLATES, INTRADERMIC	107
5302.00	PPD BOVIS, INTRADERMIC	107

CODE	*** PRODUCT AND FORM	*** LICENSE NOS. OF PRODUCERS
6101.00	ANTIJEVIA (CROTALIDAE) POLYVALENT	1128
6211.00	CLOSTRIDIUM PERFRINGENS TYPE C ANTIIDIXIN	188 243A
6220.00	CLOSTRIDIUM PERFRINGENS TYPES C&D ANTIIDIXIN	213
6221.00	BOVINE ORIGIN EQUINE ORIGIN	124 188 243A
6201.00	CLOSTRIDIUM PERFRINGENS TYPE D ANTIIDIXIN	188
6302.00	IEIANUS ANTIIDIXIN	52 107 112 165A

\*\*\*

## BACTERIN-TOXOIDS

\*\*\*

CODE PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

~~CLOSTRIDIUM BOTULINUM TYPE C~~  
~~BACTERIN-TOXOID~~

7010.00

165 165A 245

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM~~  
~~BACTERIN-TOXOID~~

7030.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-~~  
~~HAPTOGLOPHILUM-NOVYI-SORDCELLII~~  
~~BACTERIN-TOXOID~~

7070.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-~~  
~~HAPTOGLOPHILUM-NOVYI-SORDCELLII-CEPIOSPIRA~~  
~~POMONA-BACTERIN-TOXOID~~

7090.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-~~  
~~HAPTOGLOPHILUM-NOVYI-SORDCELLII-PASTEURILLA~~  
~~HAPTOGLOPHILUM-NOVYI-SORDCELLII-BACTERIN-TOXOID~~

7140.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-~~  
~~HAPTOGLOPHILUM-NOVYI-SORDCELLII-FRERERINGENS~~  
~~TYPE C-80-BACTERIN-TOXOID~~

7160.00

107

7270.00

107

\*\*\*

## BACTERIN-TOXOIDS

\*\*\*

CODE

PRODUCE AND FORM

LICENSE NOS. OF PRODUCERS

7280.00	<del>CLOSTRIDIUM CHAUVOEI-SEPTICUM- HAEMOLYTICUM-NOVYI-LEPTOSPIRA-POMONA- TYPES CED-BACTERIN-TOXOID</del>	107
7310.00	<del>CLOSTRIDIUM CHAUVOEI-SEPTICUM-LEPTOSPIRA POMONA-BACTERIN-TOXOID</del>	107
7330.00	<del>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI BACTERIN-TOXOID</del>	52 107 112A 124 188
7360.00	<del>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI- LEPTOSPIRA-POMONA-BACTERIN-TOXOID</del>	107
7390.00	<del>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI- SORDCELLII-BACTERIN-TOXOID</del>	52 107 112A 124 213 225 272
7440.00	<del>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI- SORDCELLII-LEPTOSPIRA-POMONA BACTERIN-TOXOID</del>	107
7410.00	<del>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI- SORDCELLII-PERFERINGENS-TYPES CED BACTERIN-TOXOID</del>	52 107 112A 124 225 272

\*\*\*

## BACTERIN-TOXOIDS

\*\*\*

CODE

PRODUCE AND FORM

LICENSE NOS. OF PRODUCERS

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-  
SORDELLII-PERFRINGENS-TYPES-C&Q-  
HAEMOPHILUS-SOMMERS-BACTERIN-TOXOID~~

7423.00

124

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-PASTEURELLA  
HAEMOLYTICA-MULTOCIDA-BACTERIN-TOXOID~~

7470.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII  
BACTERIN-TOXOID~~

7500.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII-  
PASTEURELLA-HAEMOLYTICA-MULTOCIDA  
BACTERIN-TOXOID~~

7530.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII-  
PERFRINGENS-TYPES-C&Q-BACTERIN-TOXOID~~

7561.00

107

~~CLOSTRIDIUM HAEMOLYTICUM-NOVYI  
BACTERIN-TOXOID~~

7590.00

107

~~CLOSTRIDIUM HAEMOLYTICUM-NOVYI-  
PERFRINGENS-TYPES-C&Q-BACTERIN-TOXOID~~

7620.00

107

~~CLOSTRIDIUM-NOVYI-BACTERIN-TOXOID~~



\*\*\*

## BACTERIN-TOXOIDS

\*\*\*

CODE  
7680.00

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

188

~~CLOSTRIDIUM NOVYI-SORDELLII~~  
~~BACTERIN-TOXOID~~

7710.00

52

~~CLOSTRIDIUM NOVYI-SORDELLII-PERERINGS~~  
~~TYPES C&D BACTERIN-TOXOID~~

7750.00

107 124

~~CLOSTRIDIUM PERERINGS TYPE C~~  
~~BACTERIN-TOXOID~~

7800.00

213 225

~~CLOSTRIDIUM PERERINGS TYPES C&D~~  
~~BACTERIN-TOXOID~~

7870.00

52 112 112A 213  
225 272~~CLOSTRIDIUM PERERINGS TYPE D~~  
~~BACTERIN-TOXOID~~

7840.00

52 112A 213 225

~~ESCHERICHIA COLI BACTERIN-TOXOID~~

7850.00

189

~~STAPHYLOCOCCUS AUREUS BACTERIN-TOXOID~~

7960.00

107

\*\*\*

## TOXOIDS

\*\*\*

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

CLOSTRIDIUM PERFRINGENS TYPE C TOXOID

8101.00

107

CLOSTRIDIUM PERFRINGENS TYPES C&D TOXOID

8201.00

107 112A 124

8201.01

112A

CLOSTRIDIUM PERFRINGENS TYPES C&D-LETANUS  
TOXOID

8304.00

124

CLOSTRIDIUM PERFRINGENS TYPE D TOXOID

8301.00

107 112 112A 124

CLOSTRIDIUM PERFRINGENS TYPE D-LETANUS  
TOXOID

8305.00

112

LETANUS TOXOID

8601.00

52 107 112 165A  
188 225 287

***	MISCELLANEOUS PRODUCTS	***
CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>ALLERGENIC EXTRACT</u>	
9521.00	HOUSE DUST	52A 259 270 283 294
9521.01	HOUSE DUST	52A
9522.01	MIXED RAGWEED	259 283 294
9522.02	MIXED TREES	52A 259 270 283 294
9522.03	MIXED GRASSES	52A 259 270 283 294
9522.04	MIXED WEEDS	52A 259 270 283 294
9522.06	MIXED TREES	52A
9522.07	MIXED GRASSES	52A
9522.08	MIXED WEEDS	52A
9523.00	MIXED MOLDS	52A 259 270 283 294
9523.01	MIXED MOLDS	52A
9524.00	MIXED INHALANTS	259 283 294
9525.00	FLEA ANTIGEN	259 283 294
9527.00	MIXED EPIDERMALS	52A 259 270 283 294
9527.01	MIXED EPIDERMALS	52A
9528.00	MIXED INSECTS	259 294
9531.00	PRESCRIPTION PRODUCT	259 270 283 294
9532.00	INTRADERMAL TEST KIT	259 283
9533.00	TREATMENT SETS	259
9535.00	TEST & TREATMENT SET	52A
	<u>FLEA ANTIGEN</u>	
9511.00	DESENSITIZING	52 52A
	<u>MYCOBACTERIUM CELL WALL IMMUNOSTIMULATOR</u>	
		289 300

# INDEX OF PRODUCT COMPONENTS

COMPONENT	PAGE
ADENOVIRUS TYPE 2	15, 16, 41, 42, 43
AEROMONAS SALMONICIDA	27
ALEUTIAN DISEASE	47
ANAPLASMOSIS	12
ANTHRAX SPORE	12
AUTOGENOUS	27
AVIAN ENCEPHALOMYELITIS	12, 22
BLUETONGUE	12
BORDETELLA BRONCHISEPTICA	12, 18, 27, 28, 42, 43
BOVINE RHINOTRACHEITIS	12, 13, 37, 38, 39, 40, 41
BOVINE VIRUS DIARRHEA	13, 39, 40, 41
BRONCHITIS	14, 22
BRUCELLA ABORTUS	14, 47
BURSAL DISEASE	14, 15, 48
CALICI	19, 20
CLOSTRIDIUM BOTULINUM TYPE C	45, 51
CLOSTRIDIUM CHAUVOEI	28, 29, 51, 52, 53
CLOSTRIDIUM HAEMOLYTICUM	29, 51, 52, 53
CLOSTRIDIUM NOVI	51, 52, 53, 54
CLOSTRIDIUM PERFRINGENS	46, 50, 51, 52, 53, 54, 55
CLOSTRIDIUM SEPTICUM	28, 29, 51, 52, 53
CLOSTRIDIUM SORDELLII	51, 52, 53, 54
CLOSTRIDIUM TETANI	52
COCCIDIOSIS	18
CORONA	15, 42
CORYNEBACTERIUM PYOGENES	29, 35
DISTEMPER	15, 16, 17, 22, 35, 42, 43, 44, 45
DUCK VIRUS ENTERITIS	18
ENCEPHALOMYELITIS	12, 18, 22, 44
ENTERIC REDMOUTH	27, 29
EQUINE INFECTIOUS ANEMIA	47
EQUINE INFLUENZA	18, 44
EQUINE RHINOPNEUMONITIS	18
ERYSIPELOTHRIX RHUSIOPATHIAE	18, 27, 28, 29, 35, 45
ESCHERICHIA COLI	28, 30, 35, 36, 41, 46, 54
FELINE LEUKEMIA	47

# INDEX OF PRODUCT COMPONENTS

COMPONENT	PAGE
FELINE PANLEUKOPENIA	19, 20, 21
FELINE PNEUMONITIS	19, 20
FELINE RHINOTRACHEITIS	19, 20, 21
FOWL POX	12, 21
FOX ENCEPHALITIS	21
HAEMOPHILUS PLEUROPNEUMONIAE	27, 29, 30
HAEMOPHILUS SOMNUS	30, 31, 37, 38, 39, 40, 53
HEARTWORM	47
HEPATITIS	15, 16, 17, 18, 35, 42, 43, 44
LEPTOSPIRA CANICOLA	28, 29, 31, 34, 35, 37, 38, 39, 40, 41, 45, 46, 48
LEPTOSPIRA GRIPPOTYPHOSA	29, 31, 32, 34, 37, 38, 39, 40, 41, 45, 46, 48
LEPTOSPIRA HARDJO	29, 31, 32, 34, 37, 38, 39, 40, 41, 45, 46, 48
LEPTOSPIRA ICTERHAEMORRHAGIAE	28, 29, 31, 34, 37, 38, 39, 40, 41, 45, 46, 48
LEPTOSPIRA POMONA	28, 29, 31, 32, 34, 37, 38, 39, 40, 41, 45, 46, 48, 51, 52
MAREK'S DISEASE	14, 21
MEASLES	16, 17, 21
MINK DISTEMPER	22, 45
MINK ENTERITIS	22, 45
MYCOPLASMA GALLISEPTICUM	32, 48
MYCOPLASMA MELEAGRIDIS	48
MYCOPLASMA PULMONIS	48
MYCOPLASMA SYNOVIAE	49
MYCOBACTERIUM PARATUBERCULOSIS	32
NEWCASTLE	22
OVINE ECTHYMA	24
PARAINFLUENZA 3	13, 24, 37, 38, 40, 41, 45
PARVOVIRUS	15, 16, 17, 24, 41, 42, 43, 44, 45, 47
PASTEURELLA ANATIPESIFER	33
PASTEURELLA HAEMOLYTICA	24, 28, 29, 30, 32, 33, 35, 37, 38, 39, 40, 41, 51, 53
PASTEURELLA MULTOCIDA	24, 27, 28, 29, 30, 32, 33, 35, 36, 37, 38, 39, 40, 41, 51, 53
PIGEON POX	24
PSEUDORABIES	25, 46

COMPONENT	PAGE
PULLORUM	49
RABIES	19, 20, 25
RAM EPIDIDYMITIS	33
ROTAVIRUS	25, 49
SALMONELLA CHOLERAESUIS	30
SALMONELLA TYPHIMURIUM	30, 33, 35, 36
SENDAI	25
STAPHYLOCOCCUS AUREUS	33, 54
STREPTOCOCCUS	25, 33
STREPTOCOCCUS EQUI	33
TENOSYNOVITIS	26
TETANUS	44, 50, 55
TRANSMISSIBLE GASTROENTERITIS	25, 26, 46
VIBRIO ANGUILLARUM	27, 34
VIBRIO FETUS	31, 34, 41
WART	26







